PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PU030121	FOR FURTHER ACTION	See Form PCT/PEA/416

International application No. PCT/US2004/007065	International filing date *(day/month/year)* 08.03.2004	Priority date *(day/month/year)* 15.04.2003

International Patent Classification (IPC) or national classification and IPC

H04L29/06, H04L12/28

Applicant

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1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 4 sheets, including this cover sheet.

3. This report is also accompanied by ANNEXES, comprising:

    a. ☒   *sent to the applicant and to the International Bureau)* a total of 3 sheets, as follows:

         ☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).

         ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.

    b. ☐ *(sent to the International Bureau only)* a total of (indicate type and number of electronic carrier(s)), containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

    ☒ Box No. I   Basis of the opinion

    ☐ Box No. II   Priority

    ☐ Box No. III   Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

    ☐ Box No. IV   Lack of unity of invention

    ☒ Box No. V   Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

    ☐ Box No. VI   Certain documents cited

    ☐ Box No. VII   Certain defects in the international application

    ☐ Box No. VIII   Certain observations on the international application

Date of submission of the demand 05.10.2004	Date of completion of this report 22.03.2005
Name and mailing address of the international preliminary examining authority: European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016	Authorized Officer Veen, G Telephone No. +31 70 340-3811

Box No. I   Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

   ☐ This report is based on translations from the original language into the following language , which is the language of a translation furnished for the purposes of:

       ☐ international search (under Rules 12.3 and 23.1(b))
       ☐ publication of the international application (under Rule 12.4)
       ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the **elements*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

   Description, Pages

   1-6   as originally filed

   Claims, Numbers

   1-14   received on 07.10.2004 with letter of 05.10.2004

   Drawings, Sheets

   1/1   received on 10.01.2005 with letter of 07.06.2004

   ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing

3. ☐ The amendments have resulted in the cancellation of:

       ☐ the description, pages
       ☐ the claims, Nos.
       ☐ the drawings, sheets/figs
       ☐ the sequence listing *(specify)*:
       ☐ any table(s) related to sequence listing *(specify)*:

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

       ☐ the description, pages
       ☐ the claims, Nos.
       ☐ the drawings, sheets/figs
       ☐ the sequence listing *(specify)*:
       ☐ any table(s) related to sequence listing *(specify)*:

   * *If item 4 applies, some or all of these sheets may be marked "superseded."*

Box No. V **Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Yes:	Claims	
	No:	Claims	1-14
Inventive step (IS)	Yes:	Claims	
	No:	Claims	1-14
Industrial applicability (IA)	Yes:	Claims	1-14
	No:	Claims	

2. Citations and explanations (Rule 70.7):

see separate sheet

Re Item V.

1 The following documents are referred to in this communication:
D1 : US 2002/075844 A1 (HAGEN W ALEXANDER) 20 June 2002 (2002-06-20)
D2: EP-A-1 191 763 (ROKE MANOR RESEARCH) 27 March 2002 (2002-03-27)

2.1 Using the wording of claim 1 and taking references from D1, D1 discloses:

Document D1 discloses (the references in parenthesis applying to this document):
"A method for offering wireless network access to both guests and local users (§43),
comprising the steps of:
receiving at a wireless network access point a request for access (§48);
authenticating the request for access depending on from whom the request was
received (§57); and if such authentication is successful, then
routing traffic from the local user differently from the guest (§52, 57)".

Therefore, the present application does not meet the criteria of Article 33(1) PCT,
because the subject-matter of claim 1 is not new in the sense of Article 33(2) PCT.

2.2 Independent claim 9 defines a network which implements the method of claim 1. The
same reasoning applies and therefore, the subject-matter of claim 9 is also not new
in the sense of Article 33(2) PCT.

2.3 Dependent claims 2-8 and 10-14 do not contain any features which, in combination
with the features of any claim to which they refer, meet the requirements of the PCT
in respect of novelty and/or inventive step (Article 33(2) and (3) PCT).

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1   1.   A method for offering wireless network access to both guests and local users,
2   comprising the steps of:
3   receiving at a common wireless network access point a request for access from one of a
4   guest and local user;
5   authenticating the request for access received at the common access point depending on
6   whether the request was received from the guest or local user; and if such authentication is
7   successful, then
8   routing traffic from the local user differently from the guest.

1   2.   The method according to claim 1 further including the step of determining at the
2   wireless network point whether the access request was received from local user or guest.

1   3.   The method according to claim 2 wherein the step of determining whether the
2   access request was received from a local user or a guest further comprise the step of examining a
3   user domain received from a party seeking access to determine whether such user domain
4   designates a guest domain.

1   4.   The method according to claim 1 wherein the authenticating step further
2   comprises the step communicating a request for authentication to separate authentication servers
3   depending on whether the party seeking access is a local user or a guest.

1   5.   The method according to claim 1 wherein the authenticating step further
2   comprises the step communicating a request for authentication to a single authentication server
3   which performs authentication using different credentials for local users and guests.

1   6.   The method according to claim 1 wherein the authenticating step further
2   comprises the step of ascertaining whether the request for access included an authentication
3   request was received in an IEEE 802.1x format or was received in a web-browser format.

7. The method according to claim 1 according to claim 1 wherein the routing step further
comprises the step of routing traffic from a guest to an external network.

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2   8.   The method according to claim 1 wherein the routing step further comprises the
3   step of routing traffic from a local user to a corporate intranet.

1   . 9.   A wireless Local area network for offering wireless Network access to both guests
2   and local users, comprising:
3   at least one common wireless network access point offering access to both guests and
4   local users in response to a request for access;
5   at least one server coupled to the at least one wireless network access point for
6   authenticating the request for access depending on whether the request was received from the
7   guest or local user; and
8   means coupled to the at least one wireless LAN access point for routing traffic from the
9   local user differently from the guest.

1   10.   The network according to claim 9 wherein the at least one wireless network access
2   point determines whether the access request was received from a local user or a guest.

1   11.   The network according to claim 10 wherein the at least one wireless network
2   access point determines whether the access request was received from a local user or a guest by
3   examining if a user domain received with the access request indicates a guest domain.

1   12.   The network according to claim 9 wherein the authentication server performs
2   authentication using different credentials for local users and guests.

1   13.   The network according to claim 9 wherein the at least one wireless network access
2   point ascertains whether the request for access was received in an IEEE 802.1x format or was
3   received in a web-browser format.

1   14. The network according to claim 9 wherein the means for routing traffic includes a
2   firewall.

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